

 **TUBESCA-COMABI**

P R E S E N T S

UNYC[®]

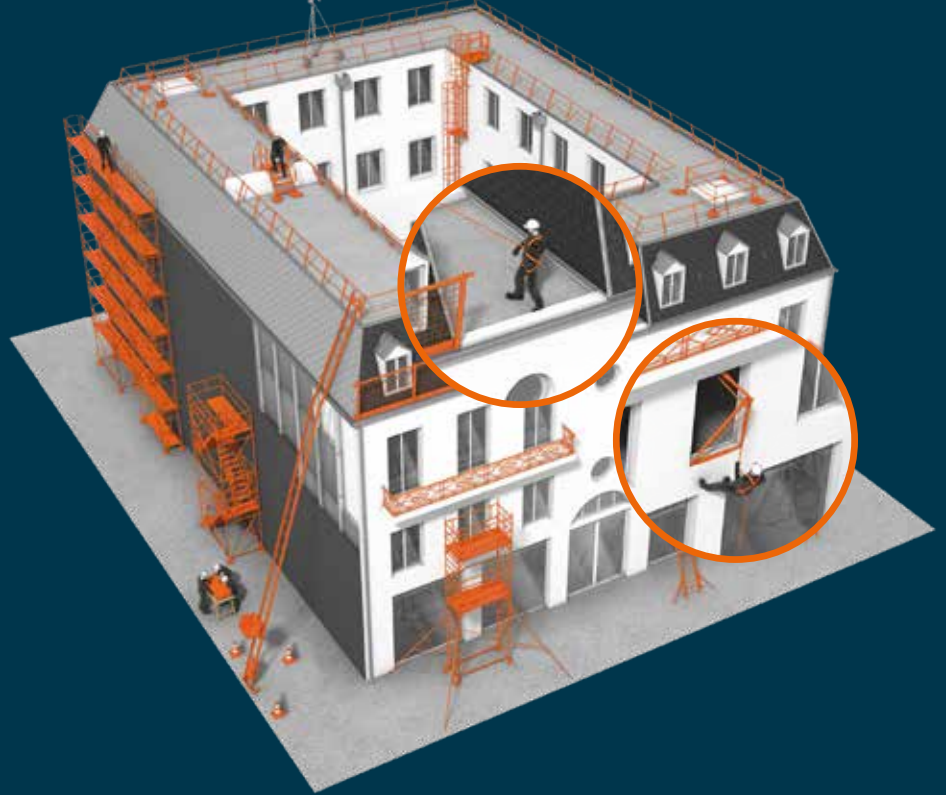
A COMPLETE RANGE OF FALL PROTECTION



UNYC®

YOUR LIFE IS UNIQUE

THE NEW RANGE OF FALL ARRESTER PRODUCTS, DESIGNED FOR THE BUILDING AND PUBLIC WORKS SECTOR AND INDUSTRY.



Launching a range of safety harnesses appeared logical as part of our "TRUST AT HEIGHT" vision.

We designed **5 harnesses** to cover all requirements (fall prevention, work positioning and suspension).

To simplify the process of selecting a harness and store sales, **8 ready-to-use kits** are available to meet the needs of all trades (construction, industry, scaffolding firms, waterproofers, joiners, roofers, carpenters, rope access technicians, pylon technicians, tree trimmer, etc.).

ANNUAL INSPECTIONS

All PPE must be **inspected on an annual basis** to ensure conformity with legal requirements and to make sure that all equipment used is in full working order. The inspection report must be recorded in the safety register. If uncertain, immediately withdraw the item from use.

Tubesca-Comabi can organize **PPE inspection sessions** by our safety specialists aiming to monitor products and maintain optimal conditions. Contact your rep. for information or to organise an inspection for your sector.

REGISTERING PPE

A **PPE registration system** is available at www.unyc.com. You will receive your registration certificates, inspection deadline alerts and information on regulations and standards by email.

WHEN IS A HARNESS NECESSARY?

A harness is necessary if **collective protective equipment is technically infeasible**, and the use of Personal Protective Equipment to prevent falls from heights is mandatory.

These personal protective systems are used to arrest falls. PPE can also be used to protect the members of personnel installing collective protective equipment if the operating procedures applied are not compatible with fall prevention.

Such systems will always comprise:

- ▶ **1 safety harness**
- ▶ **1 lanyard or rope**
- ▶ **connectors (carabiners, etc.)**
- ▶ **1 anchor (lifeline, anchor, etc.)**

CE markings are required for the different components.



TYPES OF USE



WORKSITE SAFETY

This system is designed to restrict the user's movements to prevent them from reaching areas where they could fall. This system will not arrest a fall and cannot be used for work positioning or suspension.

This system comprises an anchor, a fall arrester harness and a lanyard (adjust to prevent falls).



FALL PREVENTION

This system can arrest a fall and suspend a user until the emergency services arrive.

This system comprises an anchor, a fall arrester harness and a fall arrester (lanyard with energy absorber or a rope with a mobile fall arrester block or inertia reel).



WORK POSITIONING

This system allows the user to support themselves with their feet, leaving their hands free for the job.

This system comprises an anchor, a fall arrester harness with a work positioning belt and a positioning lanyard.

If the user could fall, this system must be completed with a fall arrester (lanyard with energy absorber or a rope with a mobile fall arrester block or inertia reel).



SUSPENSION

This system is designed for work when suspended over empty space thanks to the abdominal attachment point. As the user is no longer supported by their own feet, the load is spread over the harness belt and thigh straps.

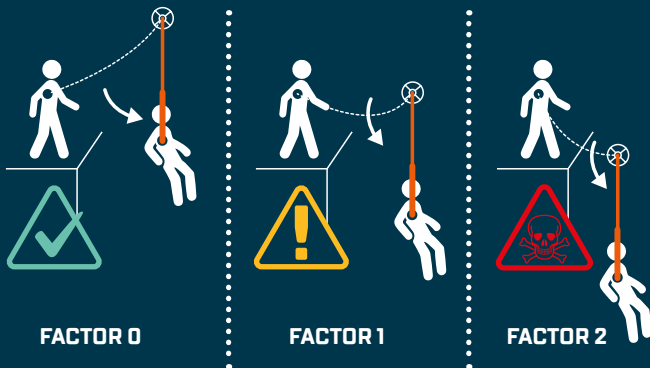
This system comprises an anchor, a fall arrester harness, a fall arrester (lanyard with energy absorber or a rope with a mobile fall arrester block or inertia reel) and a carabiner/snap.

FALL FACTOR

The fall factor indicates the intensity of a fall.

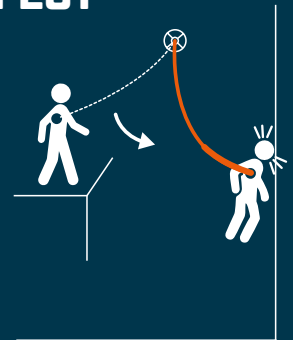
3 fall risk levels exist (0, 1 and 2). The level is calculated based on the position of the anchor with respect to the user.

We strongly recommend that the anchor should be above the user to limit any impact forces.



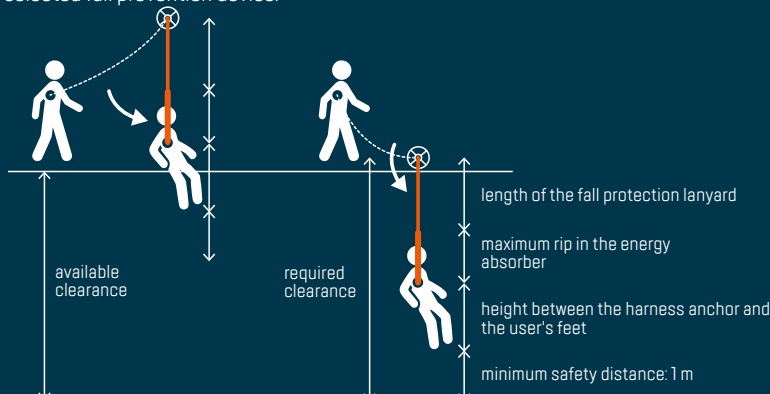
PENDULUM EFFECT

The pendulum effect means that the user could swing sideways if they fall. The user could then hit the floor or an obstacle and be seriously injured. It is important to place the lanyard anchor as far as possible from any obstacle and to prevent any configuration with a risk factor of 2.



CLEARANCE

The clearance is the distance required between the anchor and the ground-level surface. Clearance depends on the position of the anchor and the selected fall prevention device.



Available clearance is the distance between the structure on which the user is working and the nearest obstacle.

Required clearance is the minimum distance which allows a user to fall with no risk of hitting the floor or the nearest obstacle.

APPLICABLE STANDARDS

- EN 361** | Fall arrester harness
- EN 358** | Work positioning and safety systems
- EN 813** | Belts with thigh straps
- EN 354** | Lanyards
- EN 355** | Energy absorbers
- EN 1891** | Semistatic ropes with low elongation coefficient
- EN 353-2** | Mobile fall arresters including a flexible belay device
- EN 360** | Retractable type fall arresters
- EN 795** | Anchor devices (class A for fixed anchors and class B for mobile anchors)
- EN 362** | Connectors
- EN 12492** | Climber helmets
- EN 397** | Industrial hard hats

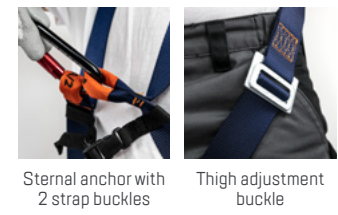


OUR RANGE OF FALL ARRESTER, WORK POSITIONING AND SUSPENSION HARNESSES

BUDGET

TUBESCA-COMABI
Use Fall prevention
Max. load **140 kg**
Lifespan **15 years** from the date of manufacture
Standard **EN 361**

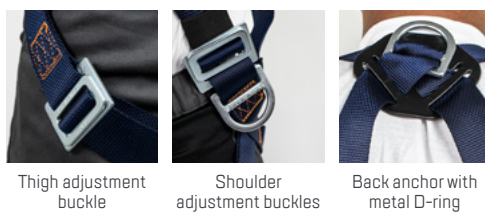
Frequency of use Level of comfort **CE**



ESSENTIAL

TUBESCA-COMABI
Use Fall prevention
Max. load **140 kg**
Lifespan **15 years** from the date of manufacture
Standard **EN 361**

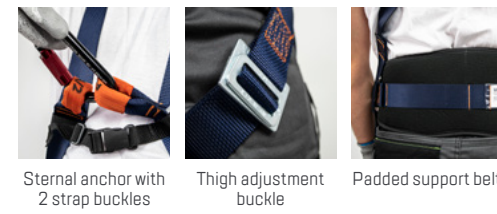
Frequency of use Level of comfort **CE**



COMFORT

TUBESCA-COMABI
Use Fall prevention, work positioning
Max. load **140 kg**
Lifespan **15 years** from the date of manufacture
Standard **EN 361 - EN 358**

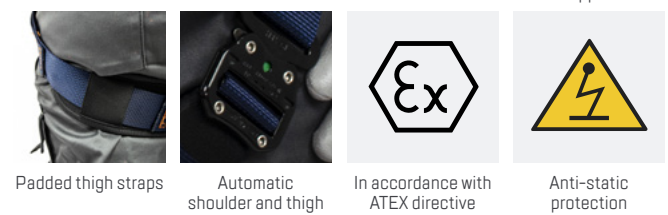
Frequency of use Level of comfort **CE**



EXPERT

TUBESCA-COMABI
Use Fall prevention, work positioning
Max. load **140 kg**
Lifespan **15 years** from the date of manufacture
Standard **EN 361**
In compliance with **ATEX** directive

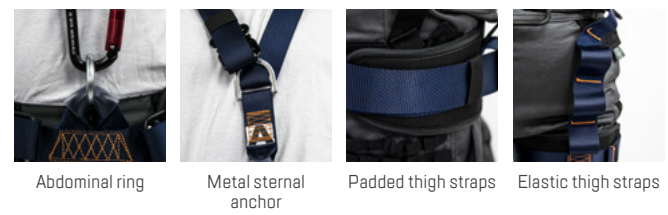
Frequency of use Level of comfort **CE**



MASTER

TUBESCA-COMABI
Use Fall prevention, work positioning and suspension
Max. load **140 kg**
Lifespan **15 years** from the date of manufacture
Standard **EN 361 - EN 358 - EN 813**

Frequency of use Level of comfort **CE**



EQUIPMENT



MOBILE FALL ARRESTER BLOCK
Steel mobile fall arrester to be fitted on a Ø 11 mm safety lanyard.
▶ Compliant with standard EN 353-2 (rope Ø 11-12 mm)
▶ Compliant with standard EN 358 (rope Ø 12-12.5 mm)

Ref.	Description	Weight	CE
09100201	Fall arrester	0.2	3178740209553



SEMISTATIC ROPES
Semistatic polyamide ropes, Ø 11 mm. Buckles for sewn anchors. Quality resistance to traction forces.
▶ Compliant with standard EN 1891

Ref.	Description	Weight	CE
09100303	3 m	0.26	3178740209591
09100306	6 m	0.52	3178740209407
09100310	10 m	0.77	3178740209360
09100320	20 m	1.69	3178740209377
09100330	30 m	2.59	3178740209414
09100350	50 m	4.46	3178740209384



ROPE LANYARDS
Semistatic polyamide rope lanyards.
Single: 2 x Ø 54 mm and Ø 16 mm connectors
Double: 3 x Ø 54 mm (x2) and Ø 18 mm connectors
▶ Compliant with standard EN 354

Ref.	Description	Weight	CE
09100421	Single, 1 m	0.80	3178740209469
09100422	Single, 1.50 m	0.83	3178740209476
09100423	Double, 1.50 m	1.60	3178740209483



ROPE LANYARDS WITH ENERGY ABSORBER
Semistatic polyamide rope lanyards.
Single: 2 x Ø 54 mm and Ø 18 mm connectors
Double: 3 x Ø 54 mm (x2) and Ø 18 mm connectors
▶ Compliant with standard EN 355

Ref.	Description	Weight	CE
09100402	Single, 1 m	1.12	3178740209438
09100401	Single, 1.75 m	1.14	3178740209421
09100412	Double, 1 m	1.74	3178740209452
09100411	Double, 1.75 m	1.77	3178740209445



WORK POSITIONING ROPE LANYARD
Semistatic polyamide rope lanyard. Adjustable length: 0.85 m to 2.00 m (excluding connectors).
1 sewn loop end for anchorage and 1 simple loop end secured with a metal length adjuster. 2 x Ø 18 mm steel connectors with automatic fasteners
▶ Compliant with standard EN 358

Ref.	Description	Weight	CE
09100431	2 m	0.72	3178740209490



RETRACTABLE TYPE FALL ARRESTER STRAP INERTIA REEL, ALU HOOK
With built-in energy absorber. 360° snap hook on casing and connector.
▶ Compliant with standard EN 360

Ref.	Description	Weight	CE
09100902	2 m	0.8	3178740209605
09100905	5.5 m	1.5	3178740209612



RETRACTABLE TYPE FALL ARRESTER CABLE INERTIA REEL, ALU HOOK
With built-in energy absorber. 360° snap hook on casing and connector.
▶ Compliant with standard EN 360

Ref.	Description	Weight	CE
09100909	9 m	3.2	3178740209629
09100912	12 m	4.9	3178740209636
09100918	18 m	6.3	3178740209612



ANCHORS
Polyamide strap ring, Ø 19 mm, for temporary anchors.
▶ Compliant with standard EN 795 class B
Stainless steel wall-fitted metal anchor for concrete, wood and metal structures.
For Ø 12 mm attachment for 1 operator. Load: 12 kN.
▶ Compliant with standard EN 795 class A

Ref.	Description	Weight	CE
09100601	1 m ring	0.08	3178740209544
09100602	1.60 m ring	0.12	3178740209551
09100603	Anchor	0.05	3178740209568



ELASTIC LANYARDS WITH ENERGY ABSORBER
Retracted length 1.35 m and extended length 1.70 m.
Single: 2 x Ø 54 mm and Ø 18 mm connectors
Double: 3 x Ø 54 mm (x2) and Ø 18 mm connectors
▶ Compliant with standard EN 355

Ref.	Description	Weight	CE
09100441	Single	1.15	3178740209506
09100442	Double	1.86	3178740209513



TRAUMA PREVENTION DEVICE
Pair of adjustable safety straps (max 130 cm) used to support the user's weight by relieving the harmful effects of a harness suspended for an extended period after a fall.

Ref.	Description	Weight	CE
09100801	Safety strap	0.15	3178740209582



CARBINERS TRIPLE ACTION ALU / STEEL SCREW
Steel screw carabiner, opening Ø 16 mm and aluminium triple action carabiner, opening Ø 20 mm.
▶ Compliant with standard EN 362

Ref.	Description	Weight	CE
09100516	Steel carabiner	0.16	3178740209520
09100520	Aluminium carabiner	0.092	3178740209557



HELMET
Textile chin strap with 4 anchors, an adjustable head band and vents. UV stabilised.
▶ Compliant with standard EN 12492 and satisfies the testing required by standard EN 397

Ref.	Description	Weight	CE
09100802	Helmet	0.42	3178740209599



20 M HORIZONTAL LIFELINE 2 USERS
Polyester 35 mm strip with 2 x 1 m anchor loops and swivel aluminium connectors. Ø 19 mm opening.
▶ Compliant with standard EN 795 class B

Ref.	Description	Weight	CE
09100700	20 m lifeline	3.03	3178740209575



30 L LEAKTIGHT BAG
Leaktight PVC carry bag to store fall prevention products. Very comfortable thanks to the straps with reinforced foam, foam back and breathable net.

Ref.	Description	Weight	CE
09100071	30 L bag	0.74	3178740209803

REFERENCES

Ref.	Harness	Size	Weight	CE
09100101	Budget	S-M-L-XL	0.68	3178740209254
09100102	Budget	XXL-XXXL	0.69	3178740209261
09100103	Essential	S-M-L-XL	1.28	3178740209278
09100104	Essential	XXL-XXXL	1.33	3178740209285
09100105	Comfort	S-M-L-XL	1.22	3178740209292
09100106	Comfort	XXL-XXXL	1.24	3178740209308
09100107	Expert	S-M-L-XL	1.57	3178740209315
09100108	Expert	XXL-XXXL	1.68	3178740209322
09100109	Master	S-M-L-XL	2.29	3178740209339
09100110	Master	XXL-XXXL	2.30	3178740209346

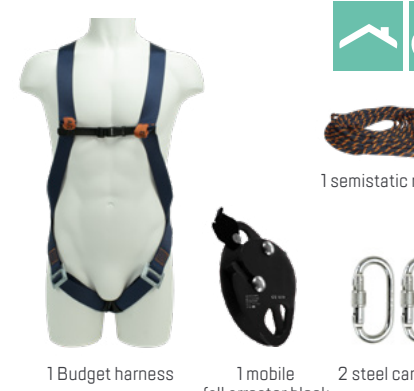
READY-TO-USE KITS

BUDGET KIT



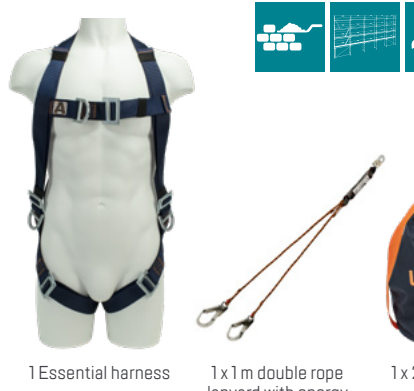
Ref.	Size	Weight	CE
09100053	S-M-L-XL	1.73	3178740209674
09100054	XXL-XXXL	1.74	3178740209681

BUDGET + KIT



Ref.	Size	Weight	CE
09100051	S-M-L-XL	2.19	3178740209650
09100052	XXL-XXXL	2.20	3178740209657

ESSENTIAL DUO KIT



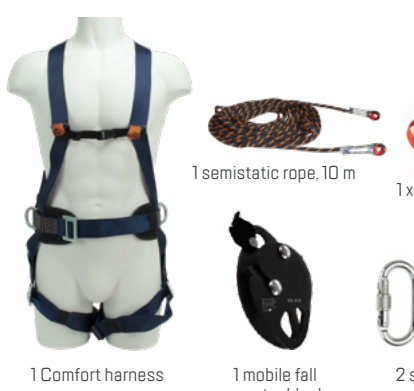
Ref.	Size	Weight	CE
09100059	S-M-L-XL	3.24	3178740209735
09100060	XXL-XXXL	3.29	3178740209742

ESSENTIAL AUTO KIT



Ref.	Size	Weight	CE
09100057	S-M-L-XL	4.94	3178740209711
09100058	XXL-XXXL	4.99	3178740209728

COMFORT KIT



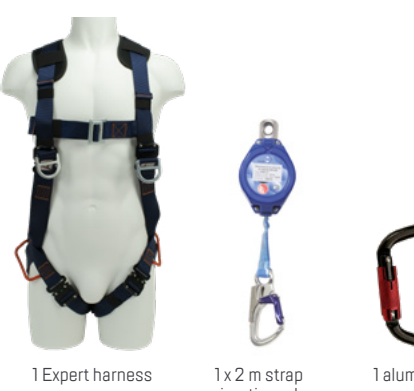
Ref.	Size	Weight	CE
09100055	S-M-L-XL	2.61	3178740209698
09100056	XXL-XXXL	2.64	3178740209704

EXPERT DUO KIT



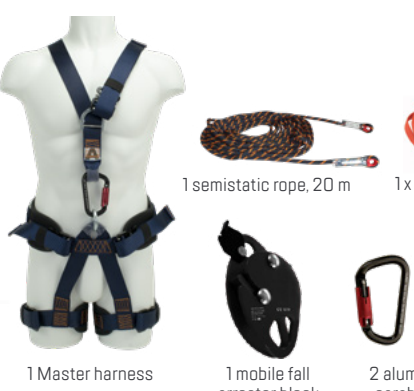
Ref.	Size	Weight	CE
09100065	S-M-L-XL	3.65	3178740209759
09100066	XXL-XXXL	3.76	3178740209766

EXPERT AUTO KIT



Ref.	Size	Weight	CE
09100061	S-M-L-XL	2.68	3178740209759
09100062	XXL-XXXL	2.79	3178740209766

MASTER KIT



Ref.	Size	Weight	CE
09100063	S-M-L-XL	4.57	3178740209773
09100064	XXL-XXXL	4.60	3178740209780

**QUESTION?
NEED A QUOTE?**

CONTACT OUR SALES TEAM

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More information about our harnesses range at:

WWW.TUBESCA-COMABI.INTERNATIONAL/EN

